

FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
**VER1-1-1043**APPLICATION NO.  
**10/523,681****INFORMATION DISCLOSURE STATEMENT***(Use several sheets if necessary)*

APPLICANTS

**Gerald McMorrow et al.**

FILING DATE

**September 23, 2005**

GROUP ART UNIT

**3737****U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	U1	4,431,007	02/14/84	Amazeen et al.	128	660	
	U2	4,556,066	12/03/85	Semrow	128	660	
	U3	4,757,821	07/19/88	Snyder	128	660	
	U4	4,771,205	09/13/88	Mequio	310	334	
	U5	4,821,210	04/11/89	Rumbaugh	364	518	
	U6	4,844,080	07/04/89	Frass et al.	128	660.01	
	U7	4,926,871	05/22/90	Ganguly et al.	128	660.07	
	U8	5,058,591	10/22/91	Companion et al.	128	661.03	
	U9	5,060,515	10/29/91	Kanda et al.	73	602	
	U10	5,078,149	01/07/92	Katsumata et al.	128	662.03	
	U11	5,125,410	06/30/92	Misono et al.	128	662.06	
	U12	5,148,809	09/22/92	Biegeleisen-Knight et al.	128	660.07	
	U13	5,151,856	09/29/92	Halmann et al.	364	413.03	
	U14	5,159,931	11/03/92	Pini	128	660.07	
	U15	5,197,019	03/23/93	Delon-Martin et al.	364	563	
	U16	5,235,985	08/17/93	McMorrow et al.	128	660.07	
	U17	5,265,614	11/30/93	Hayakawa et al.	128	602.03	
	U18	5,299,577	04/05/94	Brown et al.	128	660.07	
	U19	5,381,794	01/17/95	Tei et al.	128	662.03	
	U20	5,432,310	07/11/95	Stoeger	200	82 R	
	U21	5,435,310	07/25/95	Sheehan et al.	128	653.1	
	U22	5,465,721	11/14/95	Kishimoto et al.	128	660.07	
	U23	5,473,555	12/05/95	Potter	364	724.1	
	U24	5,487,388	01/30/96	Rello et al.	128	660.09	
	U25	5,503,152	04/02/96	Oakley et al.	128	661.01	

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	U1	5,503,153	04/02/96	Liu et al.	128	661.08	
	U2	5,526,816	06/18/96	Arditi	128	662.02	
	U3	5,553,618	09/10/96	Suzuki et al.	128	653.1	
	U4	5,575,286	11/19/96	Weng et al.	128	653.1	
	U5	5,575,291	11/19/96	Hayakawa et al.	128	662.03	
	U6	5,577,506	11/26/96	Dias	128	662.03	
	U7	5,588,435	12/31/96	Weng et al.	128	660.07	
	U8	5,601,084	02/11/97	Sheehan et al.	128	661.04	
	U9	5,605,155	02/25/97	Chalana et al.	128	660.07	
	U10	5,615,680	04/01/97	Sano	128	661.09	
	U11	5,644,513	07/01/97	Rudin et al.	364	572	
	U12	5,645,077	07/08/97	Foxlin	128	774	
	U13	5,697,525	12/16/97	O'Reilly et al.	222	105	
	U14	5,698,549	12/16/97	Steers et al.	514	211	
	U15	5,724,101	03/03/98	Haskin	348	441	
	U16	5,735,282	04/07/98	Hossack	128	662.03	
	U17	5,738,097	04/14/98	Beach et al.	128	661.09	
	U18	5,782,767	07/21/98	Pretlow, III	600	443	
	U19	5,806,521	09/15/98	Morimoto et al.	128	661.01	
	U20	5,841,889	11/24/98	Seyed-Bolorforosh	382	128	
	U21	5,846,202	12/08/98	Ramamurthy et al.	600	450	
	U22	5,851,186	12/22/98	Wood et al.	600	437	
	U23	5,873,829	02/23/99	Kamiyama et al.	600	443	
	U24	5,892,843	04/06/99	Zhou et al.	382	176	
	U25	5,898,793	04/27/99	Karron et al.	382	131	

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	U1	5,903,664	05/11/99	Hartley et al.	382	154	
	U2	5,908,390	06/01/99	Matsushima	600	447	
	U3	5,913,823	06/22/99	Hedberg et al.	600	443	
	U4	5,928,151	07/27/99	Hossack et al.	600	443	
	U5	5,945,770	08/31/99	Hanafy	310	322	
	U6	5,964,710	10/12/99	Ganguly et al.	600	449	
	U7	5,971,923	10/26/99	Finger	600	437	
	U8	5,972,023	10/26/99	Tanner et al.	606	219	
	U9	5,980,459	11/09/99	Chiao et al.	600	447	
	U10	5,993,390	11/30/99	Savord et al.	600	437	
	U11	6,008,813	12/28/99	Lauer et al.	345	424	
	U12	6,030,344	02/29/00	Guracar et al.	600	447	
	U13	6,042,545	03/28/00	Hossack et al.	600	443	
	U14	6,048,312	04/11/00	Ishrak et al.	600	443	
	U15	6,063,033	05/16/00	Haider et al.	600	447	
	U16	6,064,906	05/16/00	Langberg et al.	600	518	
	U17	6,106,465	08/22/00	Napolitano et al.	600	443	
	U18	6,110,111	08/29/00	Barnard	600	438	
	U19	6,117,080	09/12/00	Schwartz	600	443	
	U20	6,122,538	09/19/00	Sliwa, Jr. et al.	600	407	
	U21	6,123,669	09/26/00	Kanda	600	443	
	U22	6,126,598	10/03/00	Entrekin et al.	600	437	
	U23	6,142,942	11/07/00	Clark	600	443	
	U24	6,148,095	11/14/00	Prause et al.	382	131	
	U25	6,151,404	11/21/00	Pieper	382	128	

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	U1	6,159,150	12/12/00	Yale et al.	600	437	
	U2	6,171,248	01/09/01	Hossack et al.	600	459	
	U3	6,193,657	02/27/01	Drapkin	600	437	
	U4	6,200,266	03/13/01	Shokrollahi et al.	600	438	
	U5	6,210,327	04/03/01	Brckett et al.	600	437	
	U6	6,213,951	04/10/01	Krishnan et al.	600	458	
	U7	6,222,948	04/24/01	Hossack et al.	382	294	
	U8	6,233,480	05/15/01	Hochman et al.	600	476	
	U9	6,238,344	05/29/01	Gamelsky et al.	600	437	
	U10	6,248,070	06/19/01	Kanda et al.	600	443	
	U11	6,254,539	07/03/01	Pang et al.	600	443	
	U12	6,264,609	07/24/01	Herrington et al.	600	443	
	U13	6,272,469	08/07/01	Koritzinsky et al.	705	2	
	U14	6,277,073	08/21/01	Bolorforosh et al.	600	437	
	U15	6,309,353	10/30/01	Cheng et al.	600	437	
	U16	6,325,758	12/04/01	Carol et al.	600	439	
	U17	6,338,716	01/15/02	Hossack et al.	600	459	
	U18	6,343,936	02/05/02	Kaufman et al.	434	262	
	U19	6,346,124	02/12/02	Geiser et al.	660	450	
	U20	6,350,239	02/26/02	Ohad et al.	600	437	
	U21	6,359,190	03/19/02	Ter-Ovanesyan et al.	604	361	
	U22	6,360,027	03/19/02	Hossack et al.	382	294	
	U23	6,375,616	04/23/02	Soferman et al.	600	443	
	U24	6,400,848	06/04/02	Gallagher	382	254	
	U25	6,402,762	06/11/02	Hunter et al.	606	130	

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	U1	6,406,431	06/18/02	Barnard et al.	600	443	
	U2	6,409,665	06/25/02	Scott et al.	600	437	
	U3	6,440,071	08/27/02	Slayton et al.	600	437	
	U4	6,440,072	08/27/02	Schuman et al.	600	437	
	U5	6,443,894	09/03/02	Sumanaweera et al.	600	443	
	U6	6,468,218	10/22/02	Chen et al.	600	443	
	U7	6,485,423	11/26/02	Angelsen et al.	600	458	
	U8	6,491,631	12/10/02	Chiao et al.	600	443	
	U9	6,494,841	12/17/02	Thomas et al.	600	447	
	U10	6,503,204	01/07/03	Sumanaweera et al.	600	459	
	U11	6,511,325	01/28/03	Lalka et al.	434	272	
	U12	6,511,426	01/28/03	Hossack et al.	600	437	
	U13	6,511,427	01/28/03	Sliwa, Jr. et al.	600	438	
	U14	6,515,657	02/04/03	Zanelli	345	419	
	U15	6,524,249	02/25/03	Moehring et al.	600	438	
	U16	6,535,759	03/18/03	Epstein et al.	600	547	
	U17	6,540,679	04/01/03	Slayton et al.	600	439	
	U18	6,544,179	04/08/03	Schmiesing et al.	600	447	
	U19	6,545,678	04/08/03	Ohazama	345	427	
	U20	6,551,246	04/22/03	Ustuner et al.	600	447	
	U21	6,565,512	05/20/03	Ganguly et al.	600	449	
	U22	6,569,097	05/27/03	McMorrow et al.	600	437	
	U23	6,569,101	05/27/03	Quistgaard et al.	600	459	
	U24	6,575,907	06/10/03	Soferman et al.	600	438	
	U25	6,585,647	07/01/03	Winder	600	437	

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	U1	6,610,013	08/26/03	Fenster et al.	600	439	
	U2	6,611,141	08/26/03	Schulz et al.	324	226	
	U3	6,628,743	09/30/03	Drummond et al.	378	8	
	U4	6,643,533	11/04/03	Knoploch et al.	600	407	
	U5	6,650,927	11/18/03	Keidar	600	424	
	U6	6,688,177	02/10/04	Wiesauer	73	618	
	U7	6,695,780	02/24/04	Nahum et al.	600	437	
	U8	6,705,993	03/16/04	Ebbini et al.	600	443	
	U9	6,716,175	04/06/04	Geiser et al.	600	450	
	U10	6,752,762	06/22/04	DeJong et al.	600	458	
	U11	6,755,787	06/29/04	Hossack et al.	600	447	
	U12	6,768,811	07/27/04	Dinstein et al.	382	128	
	U13	6,780,152	08/24/04	Ustuner et al.	600	443	
	U14	6,788,620	09/07/04	Shiraishi et al.	367	152	
	U15	6,801,643	10/05/04	Pieper	382	128	
	U16	6,822,374	11/23/04	Smith et al.	310	334	
	U17	6,825,838	11/30/04	Smith et al.	345	419	
	U18	6,831,394	12/14/04	Baumgartner et al.	310	334	
	U19	6,868,594	03/22/05	Gururaja	29	25.35	
	U20	6,884,217	04/26/05	McMorrow et al.	600	443	
	U21	6,903,813	06/07/05	Jung et al.	356	73	
	U22	6,905,468	06/14/05	McMorrow et al.	600	443	
	U23	6,936,009	08/30/05	Venkataramani et al.	600	459	
	U24	6,939,301	09/06/05	Abdelhak	600	437	
	U25	6,951,540	10/04/05	Ebbini et al.	600	437	
	U26	6,954,406	10/11/05	Jones	367	152	

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	U1	6,961,405	11/01/05	Scherch	378	65	
	U2	6,962,566	11/08/05	Quistgaard et al.	600	437	
	U3	7,025,725	04/11/06	Dione et al.	600	443	
	U4	7,042,386	05/09/06	Woodford et al.	342	25	
	U5	7,087,022	08/08/06	Chalana et al.	600	449	
	U6	7,141,020	11/28/06	Poland et al.	600	447	
	U7	7,142,905	11/28/06	Slayton et al.	600	427	
	U8	7,177,677	02/13/07	Kaula et al.	600	546	
	U9	7,189,205	03/13/07	McMorrow et al.	600	437	
	U10	7,215,277	05/08/07	Woodford et al.	342	25 F	
	U11	7,255,678	08/14/07	Mehi et al.	600	446	
	U12	7,301,636	11/27/07	Jung et al.	356	402	
	U13	7,382,907	06/03/08	Luo et al.	382	128	
	U14	7,450,746	11/11/08	Yang et al.	382	131	
	U15	7,520,857	04/21/09	Chalana et al.	600	446	
	U16	7,611,466	11/03/09	Chalana et al.	600	443	
	U17	2001/0031920	10/18/01	Kaufman et al.	600	431	
	U18	2002/0005071	01/17/02	Song et al.	73	606	
	U19	2002/0016545	02/07/02	Quistgaard et al.	600	437	
	U20	2002/0072671	06/13/02	Chenal et al.	600	450	
	U21	2002/0133075	09/19/02	Abdelhak	600	443	
	U22	2002/0165448	11/07/02	Ben-Haim et al.	600	424	
	U23	2003/0055336	03/20/03	Buck et al.	600	453	
	U24	2003/0142587	07/31/03	Zeitew	367	127	
	U25	2003/0174872	09/18/03	Chalana et al.	382	128	
	U26	2003/0181806	09/25/03	Medan et al.	600	411	

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	U1	2003/0216646	11/20/03	Angelsen et al.	600	437	
	U2	2003/0229281	12/11/03	Barnard et al.	600	438	
	U3	2004/0006266	01/08/04	Ustuner et al.	600	47	
	U4	2004/0024302	02/05/04	Chalana et al.	600	407	
	U5	2004/0034305	02/19/04	Song et al.	600	447	
	U6	2004/0054280	03/18/04	McMorrow et al.	600	437	
	U7	2004/0076317	04/22/04	Roberts	328	128	
	U8	2004/0106869	06/03/04	Tepper	600	443	
	U9	2004/0127797	07/01/04	Barnard et al.	600	449	
	U10	2004/0267123	12/30/04	McMorrow et al.	600	443	
	U11	2005/0135707	06/23/05	Turek et al.	382	294	
	U12	2005/0174324	08/11/05	Liberty et al.	345	156	
	U13	2005/0193820	09/08/05	Sheljaskow et al.	73	649	
	U14	2005/0212757	09/29/05	Marvit et al.	345	156	
	U15	2005/0215896	09/29/05	McMorrow et al.	600	437	
	U16	2005/0228276	10/13/05	He et al.	600	437	
	U17	2005/0240126	10/27/05	Foley et al.	601	2	
	U18	2005/0253806	11/17/05	Liberty et al.	345	156	
	U19	2006/0025689	02/02/06	Chalana et al.	600	456	
	U20	2006/0064010	03/23/06	Cannon, Jr. et al.	600	434	
	U21	2006/0079775	04/13/06	McMorrow et al.	600	443	
	U22	2006/0111633	05/25/06	McMorrow et al.	600	437	
	U23	2006/0235301	10/19/06	Chalana et al.	600	443	
	U24	2007/0004983	01/04/07	Chalana et al.	600	443	
	U25	2007/0232908	10/04/07	Wang et al.	600	437	
	U26	2007/0276247	11/29/07	Chalana et al.	600	447	
	U27	2007/0276254	11/29/07	Yang et al.	600	463	

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	U1	2008/0139938	06/12/08	Yang et al.	600	445	
	U2	2008/0146932	06/19/08	Chalana et al.	600	447	
	U3	2008/0242985	10/02/08	Chalana et al.	600	443	
	U4	2008/0249414	10/09/08	Yang et al.	600	445	
	U5	2008/0262356	10/23/08	Chalana et al.	600	447	
	U6	2009/0062644	03/05/09	McMorrow et al.	600	437	
	U7	2009/0088660	04/02/09	McMorrow et al.	600	546	
	U8	2009/0105585	04/23/09	Wang et al.	600	437	
	U9	2009/0112089	04/30/09	Barnard et al.	600	443	
	U10	2009/0264757	10/22/09	Yang et al.	600	443	

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	F1	0 271 214	06/15/88	EP				
	F2	2000-126181	05/09/00	JP			X	
	F3	2000-126182	05/09/00	JP (corresponds to US 6,309,353)				
	F4	2000-126178	05/09/00	JP (+ English Abstract)				
	F5	1 030 187	08/23/00	EP				
	F6	1 076 318	02/14/01	EP				
	F7	01/35339	05/17/01	WO				
	F8	2009/032778	03/12/09	WO				

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**Gerald McMorro** et al.

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		FILING DATE <b>September 23, 2005</b>	GROUP ART UNIT <b>3737</b>

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